



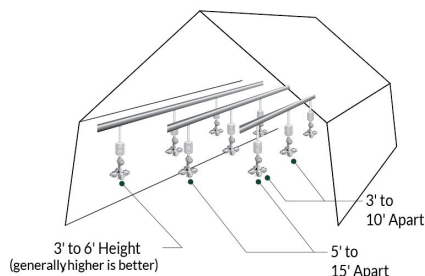
HUMIDIFICATION AND COOLING INFORMATION

General Spacing and Operation

Distance between fogger units (ft)	3	5	6.5	10	6.5	10
Distance between lines (ft)	6.5	10.5	10	10	13	13
4-way fogger - Pulse (sec)	1	3	5	10	20	30
4-way fogger - Interval (sec)	74	91	120	150	355	345

- In order to maximize the cooling effect, exhaust fans are recommended to exchange the air about 20 times per hour.
- These recommendations are general and should be applied in accordance with local conditions and limitations.
- Duration of pulse and interval is to be fine-tuned according to local conditions; the timing provided is just a starting point.
- For crops that are not sensitive to wetting, the pulse can be prolonged, and/or the interval shortened.
- Other spacing can certainly be used with foggers; the spacings above give some reference points between spacing and operation intervals.

Typical Installation for Humidification or Cooling



APPLICATIONS

- Nursery
- Greenhouse
- Heavy foliage container crops
- Dairy barn cooling

FEATURES

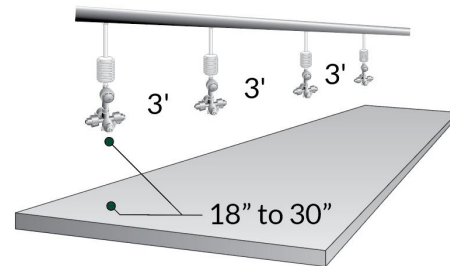
- Drip-less sprinklers
- Highly uniform watering
- Highly durable
- Low maintenance
- Low cost and fast payback

SPECIFICATIONS

- 2 GPH per nozzle @ 60 PSI
- Droplet size average is 65 microns @ 60 PSI
- Recommended range of pressure: 45-60 PSI
- Requires 140 mesh filtration

ROOTING BENCHES INFORMATION

(Propagation)



3 to 4 Foot Bench

The height of the fogger assembly should be 18" to 30" above the propagation material. The distance between the fogger assemblies should be 3 feet. (Place the lateral above the center of a 3 to 4' bench.)

Wide Bench

For wide benches (up to 8') use two lines of foggers equally distanced from the center of the bench. For large areas, use one row of foggers for every 4' width of area to be fogged.



45° Offset

4-way crosses should be placed at 45° angles to one another.

System Components





**SOUTHERN
IRRIGATION**

COOLNET FOGGER
 **NETAFIM™**

COOLNET FOGGER SYSTEM COMPONENTS



Drop Tube Assembly

Connects Spinnet sprinkler head to poly. Length determines height above crop. Features a weight which stabilizes the sprinkler.



Head Control Components

The heart of every Spinnet system. Valve provides on-off control, filter prevents sprinkler orifice from plugging and pressure regulator maintains 35psi at the sprinkler.



Leak Prevention Device (LPD)

Keeps the poly lateral full of water and under pressure. This enables all sprinklers to instantaneously turn on and off, and prevents lateral from draining at it's lowest point.



Valve Controller

Never miss a watering cycle again. Programmable start times and run times. Essential for frequent short watering cycles. Controls 24VAC solenoid valves.



Spinnet Sprinkler Head

Determines flow, wetted diameter, and trajectory. Features a bridge-less drip-proof design that is unrivaled in its uniformity.



Aircraft Cable

Provides support for poly tubing lateral in greenhouses without an existing suspension system. Non-corrosive, flexible and strong.



Polyethylene Tubing

White for lower temperatures and higher light levels in the greenhouse. UV and acid resistant. Typically pre-punched in our facility to match the sprinkler spacing.



Cable Ties

Quick and tidy method to secure polyethylene lateral to aircraft cable. Should be installed at a minimum interval of 18". A 7" long cable tie is required for a 3/4" tube.